Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Mix Type	M-25 Concrete for roof Beam
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works. MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	1
Date	6-May-2019

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	28	7.90	150*150*150	2340.74	530.00	0.02	23.56	24.07	24.03
2	25	28	7.83	150*150*150	2320.00	545.00	0.02	24.22		
3	25	28	7.76	150*150*150	2299.26	550.00	0.02	24.44		
4	25	28	7.82	150*150*150	2317.04	546.00	0.02	24.27	23.99	
5	25	28	7.89	150*150*150	2337.78	534.00	0.02	23.73		
6	25	28	7.83	150*150*150	2320.00	539.00	0.02	23.96		

Results: 28-days Compressive strength of cement is 24.03 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Mix Type	M-25 Concrete for roof Beam
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	2
Date	6-May-2019

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	28	8.00	150*150*150	2370.37	532.00	0.0225	23.64	24.16	24.12
2	25	28	7.93	150*150*150	2349.63	547.00	0.0225	24.31		
3	25	28	7.86	150*150*150	2328.89	552.00	0.0225	24.53		
4	25	28	7.92	150*150*150	2346.67	548.00	0.0225	24.36	24.07	
5	25	28	7.99	150*150*150	2367.41	536.00	0.0225	23.82		
6	25	28	7.93	150*150*150	2349.63	541.00	0.0225	24.04		

Results: 28-days Compressive strength of cement is 24.12 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Mix Type	M-25 Concrete for roof Beam
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	3
Date	6-May-2019

Assistant Executive Engineer Project Division Yelahanka Zone Bangalore

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	28	8.09	150*150*150	2397.04	534	0.0225	23.73	24.25	24.21
2	25	28	8.02	150*150*150	2376.30	549	0.0225	24.40		
3	25	28	7.95	150*150*150	2355.56	554	0.0225	24.62		
4	25	28	8.01	150*150*150	2373.33	550	0.0225	24.44	24.16	
5	25	28	8.08	150*150*150	2394.07	538	0.0225	23.91		
6	25	28	8.02	150*150*150	2376.30	543	0.0225	24.13		

Results: 28-days Compressive strength of cement is 24.21 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Mix Type	Concrete(M25) for Chejja
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	1
Date	15-Apr-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	7	6.60	150*150*150	1955.56	328.00	0.0225	14.58	14.43	14.37
2	25	7	6.82	150*150*150	2020.74	317.00	0.0225	14.09		
3	25	7	6.72	150*150*150	1991.11	329.00	0.0225	14.62		
4	25	7	7.05	150*150*150	2088.89	321.00	0.0225	14.27	14.31	
5	25	7	6.83	150*150*150	2023.70	330.00	0.0225	14.67		
6	25	7	6.84	150*150*150	2026.67	315.00	0.0225	14.00		

Results: 7-days Compressive strength of cement is 14.37 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Mix Type	Concrete(M25) for Chejja
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	2
Date	15-Apr-2019

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	7	6.70	150*150*150	1985.19	330.00	0.0225	14.67	14.52	14.46
2	25	7	6.92	150*150*150	2050.37	319.00	0.0225	14.18		
3	25	7	6.82	150*150*150	2020.74	331.00	0.0225	14.71		
4	25	7	7.15	150*150*150	2118.52	323.00	0.0225	14.36	14.40	
5	25	7	6.93	150*150*150	2053.33	332.00	0.0225	14.76		
6	25	7	6.94	150*150*150	2056.30	317.00	0.0225	14.09		

Results: 7-days Compressive strength of cement is 14.46 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Mix Type	Concrete(M25) for Chejja
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	1
Date	6-May-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	28	8.17	150*150*150	2420.74	526.00	0.0225	23.38	23.41	23.53
2	25	28	7.83	150*150*150	2320.00	526.00	0.0225	23.38		
3	25	28	7.76	150*150*150	2299.26	528.00	0.0225	23.47		
4	25	28	7.98	150*150*150	2364.44	535.00	0.0225	23.78	23.66	
5	25	28	7.96	150*150*150	2358.52	530.00	0.0225	23.56		
6	25	28	7.83	150*150*150	2320.00	532.00	0.0225	23.64		

Results: 28-days Compressive strength of cement is 23.53 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Mix Type	Concrete(M25) for Chejja
Contractor	Sri.K.Gopireddy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	2
Date	6-May-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	25	28	8.27	150*150*150	2450.37	528.00	0.0225	23.47	23.50	23.62
2	25	28	7.93	150*150*150	2349.63	528.00	0.0225	23.47		
3	25	28	7.86	150*150*150	2328.89	530.00	0.0225	23.56		
4	25	28	8.08	150*150*150	2394.07	537.00	0.0225	23.87	23.75	
5	25	28	8.06	150*150*150	2388.15	532.00	0.0225	23.64		
6	25	28	7.93	150*150*150	2349.63	534.00	0.0225	23.73		

Executive Engineer Project Division Yelahanka Zone Bangalore

Results: 28-days Compressive strength of cement is 23.62 N/mm2

Note:

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Test Report
Solid block

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Contractor	Sri.K.Gopireddy
Location	Bay
Material	Soild block
Sample No	1
Date	31-Jan-2019

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

SL.NO	Failure Load in KN	CHARACTERISTIC COMPRESSIVE STRENGTH, fck , in, N/Sq.mm	AVG CHARACTERISTIC COMPRESSIVE STRENGTH, fck in N/Sq.mm	REMARKS
1	471	5.85	5.87	
2	468	5.8		
3	475	5.95		

Results: Compressive strength of solid block is 5.87 N/mm2

Note:

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Test Report
Solid block

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Mix Type	Concrete
Contractor	Sri.K.Gopireddy
Test Method	IS : 2185
Location	Bay
Material	Solid block
Sample No	2
Date	4-Feb-2019

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

SL.NO	Failure Load in KN	CHARACTERISTIC COMPRESSIVE STRENGTH, fck , in, N/Sq.mm	AVG CHARACTERISTIC COMPRESSIVE STRENGTH, fck in N/Sq.mm	REMARKS
1	472	5.95	5.97	
2	469	5.9		
3	476	6.05		

Results: Compressive strength of Solid block is 5.97 N/mm2

Note:

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Insight Makes It Happen
MECADEZ CORE TECHNOLOGIES PRIVATE LIMITED
PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report
Solid block

Project Name	Package-02 Construction of Samudhaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Colony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony.
Client	Project Division, Yelahanka Zone
Job No	MCTPL/BBMP/PMC/EE/YNK ZONE/2018-19/P-2/01/QR
Contractor	Sri.K.Gopireddy
Location	Bay
Material	Solid block
Sample No	3
Date	3-Apr-2019

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

SL NO.	Failure Load in KN	CHARACTERISTIC COMPRESSIVE STRENGTH, fck , in, N/Sq.mm	AVG CHARACTERISTIC COMPRESSIVE STRENGTH, fck in N/Sq.mm	REMARKS
1	473	6.05	6.07	
2	470	6		
3	477	6.15		

Results: Compressive strength of Solid block is 6.07 N/mm2

Note:

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